



K2 Systems presents innovations at the Elmässan trade fair in Stockholm

With K2 Buddy for monitoring snow loads, digital solutions for simple, fast planning and installation, as well as many new products, K2 Systems is once again bundling its strengths at the Elmässan trade fair. True to the motto "Connecting Strength", the company combines innovative mounting systems, digital technology and people with know-how and energy to advance sustainable solutions for solar installations.

At the Elmässan, trade fair for electrical engineering, electronic components and systems in Kistamässan, Stockholm, which will take place from October 18 – 19, 2023, the photovoltaic mounting system manufacturer K2 Systems will present numerous innovations at its booth N:11. The trade fair highlight of the globally active company from Germany is the K2 Buddy monitoring system, which digitally monitors snow loads and thus also makes it possible to extend its mounting system warranty from 12 to 20 years.

"We know that installers of PV systems are fully committed to driving the energy transition forward. But they are also confronted with a multitude of complex problems. K2 Systems ensures thanks to new product developments that are simultaneously digitally supported that you can concentrate on your main tasks," says Peo Jonsson, Country Manager Nordics, K2 Systems GmbH.

Trade fair highlight K2 Buddy: digital monitoring of snow loads

A focal point at the fair is K2 Buddy. It monitors snow loads on flat and pitched roofs digitally and in real time. The new monitoring system is the first solution from K2 Systems for mechanical monitoring: a weight tracker that can be quickly installed under a module measures the snow loads on the modules 24 hours a day. The system is connected to the smartphone of the system owner, for example, and provides clear information about the current conditions. The user friendly app shows at a glance whether action is required. In the event of high load values, it immediately transmits a push notification to the end device, informing the end user to clear the snow. If desired, the installer can also view all K2 Buddys installed by him via the app or web application and is thus able to evaluate the situation. And with a history overview, the measured values can also be viewed retrospectively.

Severe weather events are occurring more and more frequently. Heavy snowfalls in particular can affect the service life of photovoltaic systems, especially if larger modules with lower limit values are used. This occurs more and more frequently and can lead to damage to the modules and higher maintenance costs. Using K2 Buddy ensures the safety of photovoltaic systems even in snowy regions and avoids unnecessary maintenance. This means more profitability for service companies and more safety for system owners.

For information: <https://k2-systems.com/en/digital-services/k2-buddy/>

K2 DocuApp used throughout Europe: Document PV projects easily and save time

The K2 DocuApp is the digital tool for installers to process the documentation of photovoltaic projects paperless and to transmit it to the customer directly after the handover of the plant. The app is available for the entire European PV market in a total of 22 languages including Danish, Finnish, Swedish or English.

By using the tool, all relevant data and documents of a PV project can be created, managed, and shared with colleagues while on the road, on the construction site or from the office. And finally, the project can be completed with the customer's digital signature. This results in significantly less administrative work. The installer gets a structured overview of all documents and saves up to 30 percent of working time when creating project documentation.

Installers throughout Europe can download the app for iOS and Android free of charge from the Google Play and iOS app stores onto their smartphone or tablet and use their existing K2 account with which they are already working in K2 Base directly for the login, or alternatively create a K2 account free of charge.

More information: <https://k2-systems.com/en/digital-services/k2-docuapp/>

New products: Mounting systems for façades

K2 Systems now also offers a mounting system for façades. It is suitable for trapezoidal sheet metal and sandwich panels as well as for masonry and concrete. In addition, the modules can be clamped or hung on the frame. In this way, planners achieve high flexibility with few components. At the same time, the new system ensures good rear ventilation – and it looks good.

So after pitched and flat comes vertical: the new mounting system adds another dimension to the areas that can be used for energy generation. The standardised system for façade enables façade element manufacturers to find the right K2 system solution for sandwich, concrete or masonry.

More information: <https://k2-systems.com/en/product-solutions-cagcry/wallov-facade-mounting-systems/>

New mounting systems for carports and ground mounted systems

"We want to offer our customers mounting solutions not only for roofs and facades, but also for covered parking spaces," explains Katharina David, CEO at K2 Systems. The company now also has a mounting system for carports in its portfolio: a standardised and at the same time flexible system as a complete solution.

And that's not all: in addition to the various roof substructures, the mounting system for façade and that for carports, K2 Systems has also expanded its range to include ground mounted systems. Market analyses have shown that there is an opportunity in the market for mounting systems for small to medium sized systems in the outdoor sector. The company is closing this gap and has developed a new ground mounted system for this purpose, which will be presented at this year's



Elmässan. Whether anchored in the ground or in concrete – the system with aluminium rails enables quick installation for systems with up to 10 megawatts.

More information: <https://k2-systems.com/en/company/news/out-innovations-2023/>

Proven solution for flat roofs

The trade fair team at K2 Systems booth N:11 will be showing not only new products but also proven solutions for flat roofs such as Dome 6.

More information: <https://k2-systems.com/en/company/news/versatile-come-6/>

About K2 Systems: We connect strengths: innovative mounting systems, digital technology and people with the know-how and energy to drive sustainable solutions.

Since 2004, K2 Systems has stood for global power generation from solar energy. The heart is the development of easy-to-install mounting systems that are precisely tailored to the needs of our customers. The soul is the common spirit of all employees. Together, we define technical innovation and set new service standards digitally as well.

At our headquarters in Remchingen and our nine international locations, we develop and sell mounting systems together with 700 employees for the roofs of this world.

Press contact: Nina Orta | +49 (0) 7159 72 059 - 790 | n.orta@k2-systems.com

On site: Péc Jonsson | K2 Systems Sweden | Country Manager Nordics |

Phone: +46 70 143 07 18 | Email: p.jonsson@k2-systems.com

You can download corresponding image material here: <https://k2-systems.com/en/company/press-media/>



Connecting Strength

K2 Buddy



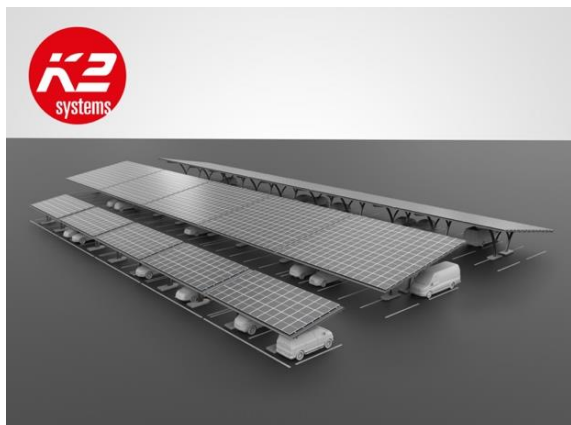
Façades



Green roof



Carport



Ground mounted

